

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
JPAB,EPAB,DWPI	(cd40L or cd40 adj ligand or 5c8) and (atherosclerosis or arteriosclerosis)	6	<u>L4</u>
USPT	(cd40L or cd40 adj ligand or 5c8) and (atherosclerosis or arteriosclerosis)	50	<u>L3</u>
USPT	(cd40L or cd40 adj ligand or 5c8) and (atherosclerosis or arteriosclerosis)	50	<u>L2</u>
USPT	yellin-michael\$	2	<u>L1</u>

WEST[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)**Search Results -**

Term	Documents
CD40L.DWPI,EPAB,JPAB.	34
CD40LS	0
CD40.DWPI,EPAB,JPAB.	149
CD40S	0
LIGAND.DWPI,EPAB,JPAB.	20430
LIGANDS.DWPI,EPAB,JPAB.	9027
5C8.DWPI,EPAB,JPAB.	7
5C8S	0
ATHEROSCLEROSIS.DWPI,EPAB,JPAB.	6650
ATHEROSCLEROSES.DWPI,EPAB,JPAB.	4
((CD40L OR CD40 ADJ LIGAND OR 5C8) AND (ATHEROSCLEROSIS OR ARTERIOSCLEROSIS)) .JPAB,EPAB,DWPI.	6

There are more results than shown above. [Click here to view the entire set.](#)

Database:

US Patents Full-Text Database	▲
US Pre-Grant Publication Full-Text Database	
JPO Abstracts Database	
EPO Abstracts Database	
Derwent World Patents Index	
IBM Technical Disclosure Bulletins	▼

Refine Search:

(cd40L or cd40 adj ligand or 5c8) and
(atherosclerosis or arteriosclerosis)

[Clear](#)**Search History****Today's Date: 3/29/2001**

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
JPAB,EPAB,DWPI	(cd40L or cd40 adj ligand or 5c8) and (atherosclerosis or arteriosclerosis)	6	<u>L4</u>
USPT	(cd40L or cd40 adj ligand or 5c8) and (atherosclerosis or arteriosclerosis)	50	<u>L3</u>
USPT	(cd40L or cd40 adj ligand or 5c8) and (atherosclerosis or arteriosclerosis)	50	<u>L2</u>
USPT	yellin-michael\$	2	<u>L1</u>

WEST[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)**Search Results -**

Term	Documents
CD40L.DWPI,EPAB,JPAB.	34
CD40LS	0
CD40.DWPI,EPAB,JPAB.	149
CD40S	0
LIGAND.DWPI,EPAB,JPAB.	20430
LIGANDS.DWPI,EPAB,JPAB.	9027
5C8.DWPI,EPAB,JPAB.	7
5C8S	0
ATHEROSCLEROSIS.DWPI,EPAB,JPAB.	6650
ATHEROSCLEROSES.DWPI,EPAB,JPAB.	4
((CD40L OR CD40 ADJ LIGAND OR 5C8) AND (ATHEROSCLEROSIS OR ARTERIOSCLEROSIS)) .JPAB,EPAB,DWPI.	6

[There are more results than shown above. Click here to view the entire set.](#)

US Patents Full-Text Database
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index

Database: IBM Technical Disclosure Bulletins

Refine Search:

(cd40L or cd40 adj ligand or 5c8) and
(atherosclerosis or arteriosclerosis)

Clear

Search History

Today's Date: 3/29/2001

FILES REMOVED

***EconBae (File 565)

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New pricing structure for Pharmaprojects (Files 128/928) from April 1, 2001. Check Help News128 or Help News928 for further information.

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File 1:ERIC 1966-2001/Mar 27
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Set	Items	Description
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? b 410

>>>'IALOG' not recognized as set or accession number
? set hi ;set hi

29mar01 13:33:34 User208760 Session D1820.1		
	\$0.41	0.116 DialUnits File1
\$0.41	Estimated cost File1	
\$0.05	TYMNET	
\$0.46	Estimated cost this search	
\$0.46	Estimated total session cost	0.116 DialUnits

File 410:Chronolog(R) 1981-2001 Jan/Feb
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?

HILIGHT set on as ''

HILIGHT set on as ''

? begin 5,73,155,399

29mar01 13:33:45 User208760 Session D1820.2		
	\$0.00	0.056 DialUnits File410
\$0.00	Estimated cost File410	
\$0.01	TYMNET	
\$0.01	Estimated cost this search	
\$0.47	Estimated total session cost	0.172 DialUnits

SYSTEM:OS - DIALOG OneSearch

File 5:Biosis Previews(R) 1969-2001/Mar W4
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File 73:EMBASE 1974-2001/Mar W3
(c) 2001 Elsevier Science B.V.

*File 73: For information about Explode feature please
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File 155:MEDLINE(R) 1966-2000/Dec W4
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*File 155: Further to NLM notification, Medline updating is expected
to resume in March 2001. For other NLM information see Help News155.

File 399:CA SEARCH(R) 1967-2001/UD=13414
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RANK charge added; see HELP RATES 399.

Set	Items	Description
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? s (cd40L or cd40(w)ligand or 5c8) and atherosclerosis		
	3252	CD40L
	10990	CD40
	271555	LIGAND
	4389	CD40(W)LIGAND
	80	5C8
	139313	ATHEROSCLEROSIS
S1	117	(CD40L OR CD40(W)LIGAND OR 5C8) AND ATHEROSCLEROSIS
? rd s1		
...examined 50 records (50)		
...examined 50 records (100)		
...completed examining records		
	S2	57 RD S1 (unique items)
? t s2/3/all		

2/3/1 (Item 1 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

12954109 BIOSIS NO.: 200100161258
Absence of CD40 signaling is associated with an increase in intimal
thickening after arterial injury.
AUTHOR: Remskar Mojca; Li Hongyan; Chyu Kuang-Yuh; Shah Prediman K; Cercek
Bojan(a)
AUTHOR ADDRESS: (a)Division of Cardiology, Cedars-Sinai Medical Center,
8700 Beverly Blvd, Room 5314, Los Angeles, CA, 90048: cercek@cshs.org**
USA
JOURNAL: Circulation Research 88 (4):p390-394 March 2, 2001
MEDIUM: print
ISSN: 0009-7330
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

2/3/2 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

12916944 BIOSIS NO.: 200100124093
Atherogenesis as a reflection of immune inflammation in the vascular wall.
AUTHOR: Nagornev V A; Yakovleva O A; Maltseva S V
JOURNAL: Vestnik Rossiiskoi Akademii Meditsinskikh Nauk (10):p45-50 2000
MEDIUM: print
ISSN: 0869-6047
DOCUMENT TYPE: Literature Review
RECORD TYPE: Abstract
LANGUAGE: Russian; Non-English

SUMMARY LANGUAGE: English

2/3/3 (Item 3 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

12905059 BIOSIS NO.: 200100112208
Upregulation of the inhibitory adapter protein TRAF3 by shear stress blocks
CD40-mediated endothelial cell activation.
AUTHOR: Urbich Carmen(a); Mallat Ziad; Tedgui Alain; Zeiher Andreas M;
Dimmeler Stefanie
AUTHOR ADDRESS: (a)Univ of Frankfurt, Frankfurt**Germany
JOURNAL: Circulation 102 (18 Supplement):pII115 October 31, 2000
MEDIUM: print
CONFERENCE/MEETING: Abstracts from Scientific Sessions 2000 New Orleans,
Louisiana, USA November 12-15, 2000
ISSN: 0009-7322
RECORD TYPE: Citation
LANGUAGE: English
SUMMARY LANGUAGE: English

2/3/4 (Item 4 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

12893400 BIOSIS NO.: 200100100549
Changing concepts on the role of the vascular smooth muscle cell in
atherosclerosis.
AUTHOR: Daemen M J(a)
AUTHOR ADDRESS: (a)Pathology, CARIM, University of Maastricht, Maastricht**
Netherlands
JOURNAL: Journal of Submicroscopic Cytology and Pathology 32 (3):p486
July, 2000
MEDIUM: print
CONFERENCE/MEETING: XIth International Vascular Biology Meeting Geneva,
Switzerland September 05-09, 2000
ISSN: 1122-9497
RECORD TYPE: Citation
LANGUAGE: English
SUMMARY LANGUAGE: English

2/3/5 (Item 5 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

12893267 BIOSIS NO.: 200100100416
Anti-**CD40L** antibody treatment during **atherosclerosis** in ApoE-/-
mice. Focus on signaling events.
AUTHOR: Heeneman S(a); Lutgens E(a); Slangen R(a); Burkly L; Koteliensky V;
Daemen M(a)
AUTHOR ADDRESS: (a)Pathology, University of Maastricht, Maastricht**
Netherlands
JOURNAL: Journal of Submicroscopic Cytology and Pathology 32 (3):p374
July, 2000
MEDIUM: print
CONFERENCE/MEETING: XIth International Vascular Biology Meeting Geneva,
Switzerland September 05-09, 2000
ISSN: 1122-9497
RECORD TYPE: Citation
LANGUAGE: English
SUMMARY LANGUAGE: English

2/3/6 (Item 6 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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12886873 BIOSIS NO.: 200100094022
Anti-**CD40L** antibody treatment induces a stable plaque phenotype.
AUTHOR: Lutgens E(a); Cleutjens K(a); Heeneman S(a); Koteliansky V; Burkly L; Daemen M(a)
AUTHOR ADDRESS: (a)Pathology, Cardiovascular Research Institute Maastricht, Maastricht**Netherlands
JOURNAL: Journal of Submicroscopic Cytology and Pathology 32 (3):p476 July, 2000
MEDIUM: print
CONFERENCE/MEETING: XIth International Vascular Biology Meeting Geneva, Switzerland September 05-09, 2000
ISSN: 1122-9497
RECORD TYPE: Citation
LANGUAGE: English
SUMMARY LANGUAGE: English

2/3/7 (Item 7 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

12778869 BIOSIS NO.: 200000532492
Macrophages, smooth muscle cells, endothelial cells, and T-cells express CD40 and **CD40L** in fatty streaks and more advanced human atherosclerotic lesions: Colocalization with epitopes of oxidized low-density lipoprotein, scavenger receptor, and CD16 (FcgammaRIII).
AUTHOR: Hakkinen Tomi; Karkola Kari; Yla-Herttuala Seppo(a)
AUTHOR ADDRESS: (a)A.I. Virtanen Institute, University of Kuopio, 70211, Kuopio**Finland
JOURNAL: Virchows Archiv 437 (4):p396-405 October, 2000
MEDIUM: print
ISSN: 0945-6317
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

2/3/8 (Item 8 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

12741221 BIOSIS NO.: 200000494844
Patients with unstable angina, but not with acute myocardial infarction, show enhanced levels of membrane-bound **CD40 ligand** on platelets.
AUTHOR: Garlichs D(a); Schmeisser A(a); Eskafi S(a); Raaz D(a); Kloos H(a); Schmidt A(a); Achenbach S(a); Ludwig J(a); Daniel W G(a)
AUTHOR ADDRESS: (a)Medical Clinic II, University Erlangen-Nuremberg, Erlangen**Germany
JOURNAL: European Heart Journal 21 (Abstract Supplement):p656 August-September, 2000
MEDIUM: print
CONFERENCE/MEETING: XXII Congress of the European Society of Cardiology Amsterdam, Netherlands August 26-30, 2000
SPONSOR: European Society of Cardiology
ISSN: 0195-668X
RECORD TYPE: Citation
LANGUAGE: English
SUMMARY LANGUAGE: English

2/3/9 (Item 9 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

12686942 BIOSIS NO.: 200000440444
T lymphocyte lines isolated from atheromatous plaque contain cells capable of responding to Chlamydia antigens.
AUTHOR: Curry A J; Portig I; Goodall J C; Kirkpatrick P J; Gaston J S H(a)
AUTHOR ADDRESS: (a)Department of Medicine, Addenbrookes Hospital, Cambridge, CB2 2QQ**UK
JOURNAL: Clinical and Experimental Immunology 121 (2):p261-269 August, 2000
MEDIUM: print
ISSN: 0009-9104
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

2/3/10 (Item 10 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

12604660 BIOSIS NO.: 200000358162
Inhibition of CD40 signaling limits evolution of established **atherosclerosis** in mice.
AUTHOR: Schonbeck U; Sukhova G K; Shimizu K; Mach F; Libby P(a)
AUTHOR ADDRESS: (a)Cardiovascular Division, Department of Medicine, Brigham and Women's Hospital, Harvard Medical School, 221 Longwood Avenue, LMRC 307, Boston, MA, 02115**USA
JOURNAL: Proceedings of the National Academy of Sciences of the United States of America 97 (13):p7458-7463 June 30, 2000
MEDIUM: print
ISSN: 0027-8424
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

2/3/11 (Item 11 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

12604659 BIOSIS NO.: 200000358161
Atherosclerosis: The emerging role of inflammation and the CD40-**CD40 ligand** system.
AUTHOR: Phipps Richard P(a)
AUTHOR ADDRESS: (a)Cancer Center and Department of Microbiology and Immunology, University of Rochester School of Medicine and Dentistry, 601 Elmwood Avenue, Rochester, NY, 14642**USA
JOURNAL: Proceedings of the National Academy of Sciences of the United States of America 97 (13):p6930-6932 June 30, 2000
MEDIUM: print
ISSN: 0027-8424
DOCUMENT TYPE: Article
RECORD TYPE: Citation
LANGUAGE: English
SUMMARY LANGUAGE: English

2/3/12 (Item 12 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)
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12602357 BIOSIS NO.: 200000355859

Both early and delayed anti-**CD40L** antibody treatment induces a stable plaque phenotype.

AUTHOR: Lutgens Esther; Cleutjens Kitty B J M; Heeneman Sylvia; Koteliansky Victor E; Burkly Linda C; Daemen Mat J A P(a)

AUTHOR ADDRESS: (a)Department of Pathology, Cardiovascular Research
Institute Maastricht, University of Maastricht, 6202 AZ, Maastricht**
Netherlands

JOURNAL: Proceedings of the National Academy of Sciences of the United States of America 97 (13):p7464-7469 June 30, 2000

MEDIUM: print

ISSN: 0027-8424

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

SUMMARY LANGUAGE: English

2/3/13 (Item 13 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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12598431 BIOSIS NO.: 200000351933

Inflammation-mediated rheumatic diseases and **atherosclerosis**.

AUTHOR: Manzi Susan(a); Wasko Mary Chester M

AUTHOR ADDRESS: (a)3471 Fifth Avenue, Suite 502, Liliane Kaufmann Building,
Pittsburgh, PA, 15213**USA

JOURNAL: Annals of the Rheumatic Diseases 59 (5):p321-325 May, 2000

MEDIUM: print

ISSN: 0003-4967

DOCUMENT TYPE: Literature Review

RECORD TYPE: Citation

LANGUAGE: English

SUMMARY LANGUAGE: English

2/3/14 (Item 14 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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12580856 BIOSIS NO.: 200000334358

CD154 (**CD40 ligand**).

AUTHOR: Schonbeck Uwe; Mach Francois; Libby Peter(a)

AUTHOR ADDRESS: (a)Cardiovascular Medicine, Department of Medicine, Brigham
and Women's Hospital and Harvard Medical School, 221 Longwood Ave,
Boston, MA, 02115**USA

JOURNAL: International Journal of Biochemistry & Cell Biology 32 (7):p
687-693 July, 2000

MEDIUM: print

ISSN: 1357-2725

DOCUMENT TYPE: Literature Review

RECORD TYPE: Abstract

LANGUAGE: English

SUMMARY LANGUAGE: English

2/3/15 (Item 15 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2001 BIOSIS. All rts. reserv.

12561424 BIOSIS NO.: 200000314926

Differential expression of three T lymphocyte-activating CXC chemokines by

human atheroma-associated cells.
AUTHOR: Mach Francois; Sauty Alain; Iarossi Albert S; Sukhova Galina K;
Neote Kuldeep; Libby Peter; Luster Andrew D
AUTHOR ADDRESS: (a)Massachusetts General Hospital-East, 13th Street,
Building 149, Room 5219, Charlestown, MA, 02129**USA
JOURNAL: Journal of Clinical Investigation 104 (8):p1041-1050 October,
1999
MEDIUM: print
ISSN: 0021-9738
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

2/3/16 (Item 16 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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12558496 BIOSIS NO.: 200000311998
Endothelial function and hemostasis.
AUTHOR: Becker B F; Heindl B; Kupatt C; Zahler S
AUTHOR ADDRESS: (a)Dept. of Physiology, University of Munich, Pettenkofer
Str. 12, D-80336, Munich**Germany
JOURNAL: Zeitschrift fuer Kardiologie 89 (3):p160-167 March, 2000
MEDIUM: print
ISSN: 0300-5860
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English; German

2/3/17 (Item 17 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

12271372 BIOSIS NO.: 200000024874
Inhibition of CD40 signaling limits evolution of established atheroma in
hyperlipidemic mice.
AUTHOR: Schonbeck Uwe(a); Sukhova Galina K(a); Mach Francois(a); Libby
Peter(a)
AUTHOR ADDRESS: (a)Brigham and Women's Hosp, Boston, MA**USA
JOURNAL: Circulation 110 (18 SUPPL.):pI479 Nov. 2, 1999
CONFERENCE/MEETING: 72nd Scientific Sessions of the American Heart
Association Atlanta, Georgia, USA November 7-10, 1999
ISSN: 0009-7322
RECORD TYPE: Citation
LANGUAGE: English

2/3/18 (Item 18 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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12270702 BIOSIS NO.: 200000024204
Interruption of CD40-**CD40 ligand** signaling reduces
transplantation arteriosclerosis in mouse aortic allografts.
AUTHOR: Shimizu Koichi(a); Shsnbeck Uwe(a); Sugiyama Seigo(a); Mitchell
Richard N(a)
AUTHOR ADDRESS: (a)Brigham and Women's Hosp, Boston, MA**USA
JOURNAL: Circulation 110 (18 SUPPL.):pI43 Nov. 2, 1999
CONFERENCE/MEETING: 72nd Scientific Sessions of the American Heart
Association Atlanta, Georgia, USA November 7-10, 1999
ISSN: 0009-7322

RECORD TYPE: Citation
LANGUAGE: English

2/3/19 (Item 19 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

12270701 BIOSIS NO.: 200000024203
Genetic disruption of CD40-**CD40L** interaction induces a more stable
plaque phenotype.
AUTHOR: Lutgens Esther(a); Gorelik Leonid; Daemen Mat J A P; Muinck de Ebo
D; Koteliensky Victor E; Flavell Richard
AUTHOR ADDRESS: (a)Univ of Maastricht, Maastricht**Netherlands
JOURNAL: Circulation 110 (18 SUPPL.):pI43 Nov. 2, 1999
CONFERENCE/MEETING: 72nd Scientific Sessions of the American Heart
Association Atlanta, Georgia, USA November 7-10, 1999
ISSN: 0009-7322
RECORD TYPE: Citation
LANGUAGE: English

2/3/20 (Item 20 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

12229039 BIOSIS NO.: 199900523888
Expression of stromelysin-3 in atheroma: Regulation via CD40/**CD40L**
-signaling in vitro and in vivo.
AUTHOR: Schoenbeck Uwe; Mach Francois; Sukhova Galina K; Libby Peter
AUTHOR ADDRESS: Brigham and Women's Hosp., Boston, MA**USA
JOURNAL: Circulation 98 (17 SUPPL.):pI315 Oct. 27, 1998
CONFERENCE/MEETING: 71st Scientific Sessions of the American Heart
Association Dallas, Texas, USA November 8-11, 1998
SPONSOR: The American Heart Association
ISSN: 0009-7322
RECORD TYPE: Citation
LANGUAGE: English

2/3/21 (Item 21 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

12199896 BIOSIS NO.: 199900494745
Dietary lipid lowering reduces tissue factor expression in rabbit atheroma.
AUTHOR: Aikawa Masanori(a); Voglic Sami J; Sugiyama Seigo; Rabkin Elena;
Taubman Mark B; Fallon John T; Libby Peter
AUTHOR ADDRESS: (a)Vascular Medicine and Atherosclerosis Unit, Brigham and
Women's Hospital, Harvard Medical School, 221 Longwood Ave, LMRC 309,
Boston, MA, 02115**USA
JOURNAL: Circulation 100 (11):p1215-1222 Sept. 14, 1999
ISSN: 0009-7322
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

2/3/22 (Item 22 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

12124546 BIOSIS NO.: 199900419395
Enhanced levels of soluble and membrane-bound **CD40** ligand in

patients with unstable angina: Possible reflection of T lymphocyte and platelet involvement in the pathogenesis of acute coronary syndromes.
AUTHOR: Aukrust Pal(a); Muller Fredrik; Ueland Thor; Berget Trude; Aaser Elinor; Brunsvig Anne; Solum Nils Olav; Forfang Kolbjorn; Froland Stig S; Gullestad Lars
AUTHOR ADDRESS: (a)Medical Department, Rikshospitalet, N-0027, Oslo**Norway
JOURNAL: Circulation 100 (6):p614-620 Aug. 10, 1999
ISSN: 0009-7322
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

2/3/23 (Item 23 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

11958181 BIOSIS NO.: 199900204290
Expression of stromelysin-3 in atherosclerotic lesions: Regulation via CD40-CD40 ligand signaling in vitro and in vivo.
AUTHOR: Schonbeck Uwe; Mach Francois; Sukhova Galina K; Atkinson Elizabeth; Levesque Ethan; Herman Michael; Graber Pierre; Basset Paul; Libby Peter (a)
AUTHOR ADDRESS: (a)Vascular Medicine and Atherosclerosis Unit, Cardiovascular Division, Department of Medicine, Bri**USA
JOURNAL: Journal of Experimental Medicine 189 (5):p843-853 March 1, 1999
ISSN: 0022-1007
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

2/3/24 (Item 24 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

11862527 BIOSIS NO.: 199900108636
T lymphocytes induce endothelial cell matrix metalloproteinase expression by a CD40L-dependent mechanism: Implications for tubule formation.
AUTHOR: Mach Francois; Schonbeck Uwe; Fabunmi Rosalind P; Murphy Curran; Atkinson Elizabeth; Bonnefoy Jean-Yves; Graber Pierre; Libby Peter(a)
AUTHOR ADDRESS: (a)Vasc. Med. Atherosclerosis Unit, Cardiovasc. Div., Dep. Med., Brigham Women's Hosp., Harvard Med**USA
JOURNAL: American Journal of Pathology 154 (1):p229-238 Jan., 1999
ISSN: 0002-9440
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

2/3/25 (Item 25 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

11780494 BIOSIS NO.: 199900026603
Chemokines and atherosclerosis.
AUTHOR: Terkeltaub Robert(a); Boisvert William A; Curtiss Linda K
AUTHOR ADDRESS: (a)VA Med. Cent., 3350 La Jolla Village Drive, San Diego, CA 92161**USA
JOURNAL: Current Opinion in Lipidology 9 (5):p397-405 Oct., 1998
ISSN: 0957-9672
DOCUMENT TYPE: Literature Review
RECORD TYPE: Citation

LANGUAGE: English

2/3/26 (Item 26 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

11652458 BIOSIS NO.: 199800434189
Lysophosphatidylcholine upregulates **CD40 ligand** expression in
newly activated human CD4+ T cells.
AUTHOR: Sakata-Kaneko Shizuka; Wakatsuki Yoshio(a); Usui Takashi; Matsunaga
Yoichi; Itoh Toshiyuki; Nishi Eiichiro; Kume Noriaki; Kita Toru
AUTHOR ADDRESS: (a)Dep. Clinical Bio-regulatory Sci., Kyoto Univ. Graduate
Sch. Med., 54 Kawahara-cho, Shogo-in, Sa**Japan
JOURNAL: FEBS Letters 433 (1-2):p161-165 Aug. 14, 1998
ISSN: 0014-5793
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

2/3/27 (Item 27 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

11577268 BIOSIS NO.: 199800357964
CD40 signaling in vascular cells: A key role in **atherosclerosis**?
AUTHOR: Mach Francois; Schonbeck Uwe; Libby Peter(a)
AUTHOR ADDRESS: (a)Vasc. Med. Atherosclerosis Unit, Cardiovasc. Div., Dep.
Med., Brigham and Women's Hosp., Harvard**USA
JOURNAL: Atherosclerosis 137 (SUPPL.):pS89-S95 April, 1998
ISSN: 0021-9150
DOCUMENT TYPE: Literature Review
RECORD TYPE: Abstract
LANGUAGE: English

2/3/28 (Item 28 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

11577105 BIOSIS NO.: 199800357801
Reduction of **atherosclerosis** in mice by inhibition of CD40
signalling.
AUTHOR: Mach Francois; Schoenbeck Uwe; Sukhova Galina K; Atkinson Elizabeth
; Libby Peter(a)
AUTHOR ADDRESS: (a)Vascular Med. Atherosclerosis Unit, Cardiovascular Div.,
Dep. Med., Brigham and Women's Hosp., H**USA
JOURNAL: Nature (London) 394 (6689):p200-203 July 9, 1998
ISSN: 0028-0836
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

2/3/29 (Item 29 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

11517159 BIOSIS NO.: 199800298491
T-lymphocytes and monocytes in atherogenesis.
AUTHOR: Schmitz Gerd(a); Herr Alexandra S; Rothe Gregor
AUTHOR ADDRESS: (a)Inst. Klin. Chem. Laboratoriumsmed., Klin. Univ.,
D-93042 Regensburg**Germany
JOURNAL: Herz 23 (3):p168-177 May, 1998

ISSN: 0340-9937
DOCUMENT TYPE: Literature Review
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English; German

2/3/30 (Item 30 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

11490633 BIOSIS NO.: 199800271965

CD40 ligand (CD154) stimulation of macrophages to produce
HIV-1-suppressive beta-chemokines.

AUTHOR: Kornbluth Richard S(a); Kee Kristin; Richman Douglas D
AUTHOR ADDRESS: (a)Dep. Med.-0679, Univ. California, San Diego, 9500 Gilman
Drive, La Jolla, CA 92093-0679**USA

JOURNAL: Proceedings of the National Academy of Sciences of the United
States of America 95 (9):p5205-5210 April 28, 1998

ISSN: 0027-8424

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

2/3/31 (Item 31 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

11157554 BIOSIS NO.: 199799778699

Presence of CD40 and **CD40L** in human atherosclerotic plaque:

Implications for matrix metalloproteinases expression by endothelial
cells.

AUTHOR: Mach F(a); Schonbeck U(a); Sukhova G K(a); Bourcier T(a); Bonnefoy
J-Y; Libby P

AUTHOR ADDRESS: (a)Vascular Med. Unit, Brigham and Women's Hosp., Boston,
MA**USA

JOURNAL: European Heart Journal 18 (ABSTR. SUPPL.):p228 1997

CONFERENCE/MEETING: XIXth Congress of the European Society of Cardiology
together with the 32nd Annual General Meeting of the Association of
European Paediatric Cardiologists (AEPC) Stockholm, Sweden August 24-28,
1997

ISSN: 0195-668X

RECORD TYPE: Citation

LANGUAGE: English

2/3/32 (Item 32 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

11113248 BIOSIS NO.: 199799734393

Regulation of matrix metalloproteinase expression in human vascular smooth
muscle cells by T lymphocytes: A role for CD40 signaling in plaque
rupture?

AUTHOR: Schoenbeck Uwe; Mach Francois; Sukhova Galina K; Murphy Curran;
Bonnefoy Jean-Yves; Fabunmi Rosalind P; Libby Peter(a)

AUTHOR ADDRESS: (a)Vascular Med. Atherosclerosis Unit, Cardiovascular Div.,
Dep. Med., Brigham and Women's Hosp., H**USA

JOURNAL: Circulation Research 81 (3):p448-454 1997

ISSN: 0009-7330

RECORD TYPE: Abstract

LANGUAGE: English

2/3/33 (Item 33 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

11065929 BIOSIS NO.: 199799687074
Ligation of CD40 activates interleukin 1-beta-converting enzyme (caspase-1) activity in vascular smooth muscle and endothelial cells and promotes elaboration of active interleukin 1-beta.
AUTHOR: Schonbeck Uew; Mach Francois; Bonnefoy Jean-Yves; Loppnow Harald; Flad Hans-Dieter; Libby Peter(a)
AUTHOR ADDRESS: (a)Vascular Medicine Atherosclerosis Unit, Cardiovasc. Div., Dep. Medicine, Brigham and Women's Hos**USA
JOURNAL: Journal of Biological Chemistry 272 (31):p19569-19574 1997
ISSN: 0021-9258
RECORD TYPE: Abstract
LANGUAGE: English

2/3/34 (Item 34 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

11018963 BIOSIS NO.: 199799640108
CD40-**CD40L** interactions in **atherosclerosis**.
AUTHOR: Lamán Jon D(a); De Smet Bart J G L; Schoneveld Arjan; Van Meurs Marjan(a)
AUTHOR ADDRESS: (a)Div. Immunol. and Infectious Diseases, TNO Prevention and Health, P.O. Box 2215, 2301 CE Leiden**Netherlands
JOURNAL: Immunology Today 18 (6):p272-277 1997
ISSN: 0167-5699
RECORD TYPE: Citation
LANGUAGE: English

2/3/35 (Item 35 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

10829852 BIOSIS NO.: 199799450997
Functional **CD40 ligand** is expressed on human vascular endothelial cells, smooth muscle cells, and macrophages: Implications for CD40-**CD40 ligand** signaling in **atherosclerosis**.
AUTHOR: Mach Francois; Schoenbeck Uwe; Sukhova Galina K; Bourcier Todd; Bonnefoy Jean-Yves; Pober Jordan S; Libby Peter(a)
AUTHOR ADDRESS: (a)Vascular Med. Atherosclerosis Unit, Cardiovascular Division, Dep. Med., Brigham and Women's Hosp**USA
JOURNAL: Proceedings of the National Academy of Sciences of the United States of America 94 (5):p1931-1936 1997
ISSN: 0027-8424
RECORD TYPE: Abstract
LANGUAGE: English

2/3/36 (Item 36 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

10680119 BIOSIS NO.: 199799301264
CD40L+CD4+ T cells and CD40+ target cells are present in **atherosclerosis** and transplant coronary artery disease.
AUTHOR: Yellin Michael J; Szabolcs Matthias; Han Angelina; Michler Robert; Cannon Paul J; Chess Leonard
AUTHOR ADDRESS: Columbia Univ., New York City, NY**USA
JOURNAL: Circulation 94 (8 SUPPL.):pI1 1996
CONFERENCE/MEETING: 69th Scientific Sessions of the American Heart

Association New Orleans, Louisiana, USA November 10-13, 1996
ISSN: 0009-7322
RECORD TYPE: Citation
LANGUAGE: English

2/3/37 (Item 1 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

10941255 EMBASE No: 2000432254
Immunological and inflammatory mechanisms in human **atherosclerosis**
Riggers U.; Holzmeister J.; Bruemmer D.; Stawowy P.; Blaschke F.; De Buhr
I.; Wollert-Wulf B.; Regitz-Zagrosek V.; Fleck E.; Graf K.
Dr. K. Graf, Med. Klin. mit Schwerpunkt Kardiolog., Charite, CVK and
Deutsches Herzzentrum Berlin, Augustenburger Platz 1, D-13353 Berlin
Germany
Allergo Journal (ALLERGO J.) (Germany) 2000, 9/7 (421-429)
CODEN: ALJOE ISSN: 0941-8849
DOCUMENT TYPE: Journal; Review
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH; GERMAN
NUMBER OF REFERENCES: 31

2/3/38 (Item 2 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

10888334 EMBASE No: 2000344728
Inhibition of agonist-induced p42 and p38 mitogen-activated protein
kinase phosphorylation and **CD40 ligand**/P-selectin expression by
cyclic nucleotide-regulated pathways in human platelets
Schwarz U.R.; Kobsar A.L.; Koks M.; Walter U.; Eigenthaler M.
Dr. M. Eigenthaler, Clin. Biochemistry/Pathobiochemistry, Medical
University Clinic Wurzburg, Josef-Schneider Strasse 2, D-97080 Wurzburg
Germany
AUTHOR EMAIL: eigentha@klin-biochem.uni-wuerzburg.de
Biochemical Pharmacology (BIOCHEM. PHARMACOL.) (United States) 01 NOV
2000, 60/9 (1399-1407)
CODEN: BCPA ISSN: 0006-2952
PUBLISHER ITEM IDENTIFIER: S0006295200004524
DOCUMENT TYPE: Journal; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 48

2/3/39 (Item 3 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

10885194 EMBASE No: 2000368627
Role of platelet P-selectin and **CD40 ligand** in the induction
of monocytic tissue factor expression
Lindmark E.; Tenno T.; Siegbahn A.
Dr. A. Siegbahn, Department of Medical Sciences, Clinical Chemistry,
University Hospital, S-75185 Uppsala Sweden
AUTHOR EMAIL: agneta.siegbahn@klinikem.uas.lul.se
Arteriosclerosis, Thrombosis, and Vascular Biology (ARTERIOSCLER.
THROMB. VASC. BIOL.) (United States) 2000, 20/10 (2322-2328)
CODEN: ATVBF ISSN: 1079-5642
DOCUMENT TYPE: Journal; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 23

2/3/40 (Item 4 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

10815929 EMBASE No: 2000296308
CD40 ligation induces tissue factor expression in human vascular smooth muscle cells
Schonbeck U.; Mach F.; Sukhova G.K.; Herman M.; Graber P.; Kehry M.R.; Libby P.
P. Libby, Vascular Med./Atheroscle. Unit, Cardiovascular Division, Department of Medicine, 221 Longwood Avenue, LMRC 307 Boston, MA 02115 United States
AUTHOR EMAIL: plibby@rics.bwh.harvard.edu
American Journal of Pathology (AM. J. PATHOL.) (United States) 2000, 156/1 (7-14)
CODEN: AJPAA ISSN: 0002-9440
DOCUMENT TYPE: Journal; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 58

2/3/41 (Item 5 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

10750565 EMBASE No: 2000230708
Cellular and molecular mechanisms of atherogenesis. CD40-CD40L immunoregulatory signal
Nagornev V.A.; Ketlinskii S.A.
Bulletin of Experimental Biology and Medicine (BULL. EXP. BIOL. MED.) (United States) 1999, 128/10 (971-977)
CODEN: BEXBA ISSN: 0007-4888
DOCUMENT TYPE: Journal; Review
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 56

2/3/42 (Item 6 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

07218281 EMBASE No: 1998114007
CD40 ligand on activated platelets triggers an inflammatory reaction of endothelial cells
Henn V.; Slupsky J.R.; Grafe M.; Anagnostopoulos I.; Forster R.; Muller-Berghaus G.; Kroczeck R.A.
R.A. Kroczeck, Molecular Immunology, Robert Koch-Institute, 13353 Berlin Germany
AUTHOR EMAIL: KroczeckR@rki.de
Nature (NATURE) (United Kingdom) 05 FEB 1998, 391/6667 (591-594)
CODEN: NATUA ISSN: 0028-0836
DOCUMENT TYPE: Journal; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 29

2/3/43 (Item 7 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

07014980 EMBASE No: 1997302227
TRAP (CD40 ligand) on activated platelets triggers a pro-inflammatory reaction of endothelial cells
Henn V.; Slupsky J.R.; Grafe M.; Muller-Berghaus G.; Kroczeck R.A.
V. Henn, Molecular Immunology, Robert Koch-Institute, Berlin Germany

Immunobiology (IMMUNOBIOLOGY) (Germany) 1997, 197/2-4 (305)
CODEN: ZIMMD ISSN: 0171-2985
DOCUMENT TYPE: Journal; Conference Paper
LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 0

2/3/44 (Item 1 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

10549354 20445371
Analysis of CD154 and CD40 expression in native coronary
atherosclerosis and transplant associated coronary artery disease.
Szabolcs MJ; Cannon PJ; Thienel U; Chen R; Michler RE; Chess L; Yellin MJ
Department of Pathology, College of Physicians and Surgeons, Columbia
University, New York, NY 10032, USA.

Virchows Archiv (GERMANY) Aug 2000, 437 (2) p149-59, ISSN 0945-6317
Journal Code: BZD
Contract/Grant No.: HL 54764, HL, NHLBI; P01 AI39675, AI, NIAID; R01
AR44198, AR, NIAMS; +
Languages: ENGLISH
Document type: JOURNAL ARTICLE

2/3/45 (Item 2 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

10423948 20228321
Long-term reversal of hypercholesterolemia in low density lipoprotein
receptor (LDLR)-deficient mice by adenovirus-mediated LDLR gene transfer
combined with CD154 blockade.

Stein CS; Martins I; Davidson BL
Department of Internal Medicine, University of Iowa College of Medicine,
Iowa City 52242, USA.
J Gene Med (ENGLAND) Jan-Feb 2000, 2 (1) p41-51, ISSN 1099-498X
Journal Code: DLU
Contract/Grant No.: PR DK54759-01, DK, NIDDK; DK53438-02, DK, NIDDK
Languages: ENGLISH
Document type: JOURNAL ARTICLE

2/3/46 (Item 3 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

10261585 20073709
Regulation of the thrombotic potential of atheroma.
Libby P; Mach F; Schonbeck U; Bourcier T; Aikawa M
Department of Medicine, Brigham and Women's Hospital, Harvard Medical
School, Boston, MA 02115, USA. plibby@rics.bwh.harvard.edu
Thrombosis and haemostasis (GERMANY) Aug 1999, 82 (2) p736-41, ISSN
0340-6245 Journal Code: VQ7
Contract/Grant No.: HL-34634, HL, NHLBI; P01 HL48743, HL, NHLBI
Languages: ENGLISH
Document type: JOURNAL ARTICLE; REVIEW; REVIEW, TUTORIAL

2/3/47 (Item 4 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

10150217 20015197
Requirement for CD154 in the progression of **atherosclerosis**.

Lutgens E; Gorelik L; Daemen MJ; de Muinck ED; Grewal IS; Koteliansky VE; Flavell RA

Department of Pathology, Cardiovascular Research Institute Maastricht, University of Maastricht, P. Debeyeln 25, PO Box 5800, 6202 AZ Maastricht, the Netherlands.

Nature medicine (UNITED STATES) Nov 1999, 5 (11) p1313-6, ISSN 1078-8956 Journal Code: CG5

Languages: ENGLISH

Document type: JOURNAL ARTICLE

2/3/48 (Item 5 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

(c) format only 2000 Dialog Corporation. All rts. reserv.

10117206 99029732

CD40 in clinical inflammation: from multiple sclerosis to **atherosclerosis**.

Laman JD; De Boer M; 't Hart BA

Division of Immunological and Infectious Diseases, TNO Prevention and Health (TNO-PG), Leiden, The Netherlands.

Developmental immunology (ENGLAND) 1998, 6 (3-4) p215-22, ISSN 1044-6672 Journal Code: BJF

Languages: ENGLISH

Document type: JOURNAL ARTICLE; REVIEW; REVIEW, TUTORIAL

2/3/49 (Item 6 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

(c) format only 2000 Dialog Corporation. All rts. reserv.

09559411 98259414

CD40 and CD154 in cell-mediated immunity.

Grewal IS; Flavell RA

Howard Hughes Medical Institute, and Section of Immunobiology, Yale University School of Medicine, New Haven, Connecticut 06520, USA.

Annual review of immunology (UNITED STATES) 1998, 16 p111-35, ISSN 0732-0582 Journal Code: ALO

Languages: ENGLISH

Document type: JOURNAL ARTICLE; REVIEW; REVIEW, ACADEMIC

2/3/50 (Item 7 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

(c) format only 2000 Dialog Corporation. All rts. reserv.

09207010 97386352

Activation of monocyte/macrophage functions related to acute atheroma complication by ligation of CD40: induction of collagenase, stromelysin, and tissue factor.

Mach F; Schonbeck U; Bonnefoy JY; Pober JS; Libby P

Department of Medicine, Brigham and Women's Hospital, Harvard Medical School, Boston, Mass 02115, USA.

Circulation (UNITED STATES) Jul 15 1997, 96 (2) p396-9, ISSN 0009-7322 Journal Code: DAW

Contract/Grant No.: HL-43364, HL, NHLBI

Languages: ENGLISH

Document type: JOURNAL ARTICLE

2/3/51 (Item 1 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.

133088219 CA: 133(7)88219b PATENT

Use of CD40 engagement to alter T cell receptor usage
INVENTOR(AUTHOR): Newell, Martha K.; Wagner, David; Newell, Evan
LOCATION: USA
ASSIGNEE: University of Vermont and State Agricultural College
PATENT: PCT International ; WO 200039283 A1 DATE: 20000706
APPLICATION: WO 99US30930 (19991222) *US FV114106 (19961229)
PAGES: 50 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C12N-005/02A;
C12N-005/06B; C12N-005/08B DESIGNATED COUNTRIES: AE; AL; AM; AT; AU; AZ;
BA; BB; BG; BR; BY; CA; CH; CN; CU; CZ; DE; DK; EE; ES; FI; GB; GD; GE; GH;
GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU;
LV; MD; MG; MK; MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL;
TJ; TM; TR; TT; UA; UG; UZ; VN; YU; ZA; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ;
TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW; SD; SL; SZ; TZ; UG; ZW; AT; BE
; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; BF; BJ;
CF; CG; CI; CM; GA; GN; GW; ML; MR; NE; SN; TD; TG

2/3/52 (Item 2 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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133003540 CA: 133(1)3540b JOURNAL
Induction and Regulation of Matrix Metalloproteinase-12 by Cytokines and
CD40 Signaling in Monocyte/Macrophages
AUTHOR(S): Wu, Lihua; Fan, Jianglin; Matsumoto, Shun-ichiro; Watanabe,
Teruo
LOCATION: Department of Pathology, Institute of Basic Medical Sciences,
University of Tsukuba, Tsukuba, Ibaraki, Japan, 305-8575
JOURNAL: Biochem. Biophys. Res. Commun. DATE: 2000 VOLUME: 269
NUMBER: 3 PAGES: 808-815 CODEN: BBRCA9 ISSN: 0006-291X LANGUAGE:
English PUBLISHER: Academic Press

2/3/53 (Item 3 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.

132192948 CA: 132(15)192948d JOURNAL
Atherosclerosis and CD40
AUTHOR(S): Watanabe, Mikio; Iwatani, Yoshinori
LOCATION: Department of Clinical Laboratory Science, School of Allied
Health Sciences, Faculty of Medicine, Osaka University, Suita, Japan,
565-0871
JOURNAL: Naibunpi, Tonyobyoka DATE: 1999 VOLUME: 9 NUMBER: 1 PAGES:
61-67 CODEN: NATOFF ISSN: 1341-3724 LANGUAGE: Japanese PUBLISHER:
Kagaku Hyoronsha

2/3/54 (Item 4 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.

131333038 CA: 131(25)333038a PATENT
Protein and cDNA sequences encoding human and mouse CD40 receptor assocd.
proteins (CRAP), and uses thereof in the treatment of CD40 and/or
NF-.kappa.B related diseases
INVENTOR(AUTHOR): Pype, Stefan Maria Christiaan; Remacle, Jacques Emile
Fernand Josiane Ghislain; Huylebroeck, Danny Francois Eveline
LOCATION: Belg.
ASSIGNEE: Vlaams Interuniversitair Instituut Voor Biotechnologie Vzw
PATENT: PCT International ; WO 9955859 A2 DATE: 19991104
APPLICATION: WO 99EP3025 (19990428) *EP 98201392 (19980429)
PAGES: 48 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C12N-015/12A;
C07K-014/47B; C07K-016/18B; C12Q-001/68B; A61K-038/17B; G01N-033/50B
DESIGNATED COUNTRIES: AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; CA; CH; CN;

CU; CZ; DE; DK; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP;
KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MD; MG; MK; MN; MW; MX; NO;
NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT; UA; UG; US; UZ;
VN; YU; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM
; KE; LS; MW; SD; SL; SZ; UG; ZW; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LU; MC; NL; PT; SE; BF; BJ; CF; CG; CI; CM; GA; CN; GW; ML; MR;
NE; SN; TD; TG

2/3/55 (Item 5 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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131072327 CA: 131(6)72327h JOURNAL
CD40-CD154 interaction in experimental and human disease (review)
AUTHOR(S): Biancone, Luigi; Cantaluppi, Vincenzo; Camussi, Giovanni
LOCATION: Cattedra di Nefrologia, Dipartimento di Medicina Interna,
Universita di Torino, 10126, Turin, Italy
JOURNAL: Int. J. Mol. Med. DATE: 1999 VOLUME: 3 NUMBER: 4 PAGES:
343-353 CODEN: IJMMFG ISSN: 1107-3756 LANGUAGE: English PUBLISHER:
International Journal of Molecular Medicine

2/3/56 (Item 6 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.

128114038 CA: 128(10)114038k PATENT
Therapeutic applications of T-BAM (CD40L) technology to treat diseases
involving smooth muscle cells
INVENTOR(AUTHOR): Yellin, Michael J.; Lederman, Seth; Chess, Leonard;
Karpusas, Mihail N.; Thomas, David W.
LOCATION: USA
ASSIGNEE: Trustees of Columbia University In the City of New York;
Biogen, Inc.; Yellin, Michael J.; Lederman, Seth; Chess, Leonard; Karpusas,
Mihail N.; Thomas, David W.
PATENT: PCT International ; WO 9801145 A1 DATE: 19980115
APPLICATION: WO 97US12925 (19970703) *US 677730 (19960708)
PAGES: 113 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: A61K-038/00A;
A61K-038/02B; A61K-038/17B; A61K-039/395B DESIGNATED COUNTRIES: AL; AM; AT
; AU; AZ; BA; BB; BG; BR; BY; CA; CH; CN; CU; CZ; DE; DK; EE; ES; FI; GB;
GE; GH; HU; IL; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MD;
MG; MK; MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM;
TR; TT; UA; UG; US; UZ; VN; YU; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM
DESIGNATED REGIONAL: GH; KE; LS; MW; SD; SZ; UG; ZW; AT; BE; CH; DE; DK;
ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; BF; BJ; CF; CG; CI; CM; GA;
GN; ML; MR; NE; SN; TD; TG

2/3/57 (Item 7 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.

127094110 CA: 127(7)94110b PATENT
Therapeutic applications for the anti-T-BAM) (CD40-L) monoclonal antibody
5c8
INVENTOR(AUTHOR): Yellin, Michael J.; Lederman, Seth; Chess, Leonard;
Karpusas, Mihail N.; Thomas, David W.
LOCATION: USA
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Set	Items	Description
S1	117	(CD40L OR CD40(W)LIGAND OR 5C8) AND ATHEROSCLEROSIS
S2	57	RD S1 (unique items)

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11577105 BIOSIS NO.: 199800357801

Reduction of **atherosclerosis** in mice by inhibition of CD40 signalling.

AUTHOR: Mach Francois; Schoenbeck Uwe; Sukhova Galina K; Atkinson Elizabeth ; Libby Peter(a)

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JOURNAL: Nature (London) 394 (6689):p200-203 July 9, 1998

ISSN: 0028-0836

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

ABSTRACT: Increasing amounts of evidence support the involvement of inflammation and immunity in atherogenesis, but mediators of communication between the major cell types in atherosclerotic plaques are poorly defined. Cells in human atherosclerotic lesions express the immune mediator CD40 and its ligand **CD40L** (also known as CD154 or gp39). The interaction of CD40 with **CD40L** figures prominently in both humoral and cell-mediated immune responses. **CD40L**-positive T cells accumulate in atheroma, and, by virtue of their early appearance, persistence and localization at sites of lesion growth and complication, activated T cells may coordinate important aspects of atherogenesis. Interruption of **CD40L**-CD40 signalling by administration of an anti-**CD40L** antibody limits experimental autoimmune diseases such as collagen-induced arthritis, lupus nephritis, acute or chronic graft-versus-host disease, multiple sclerosis and thyroiditis. Ligation of CD40 on atheroma-associated cells in vitro activates functions related to atherogenesis, including induction of proinflammatory cytokines, matrix metalloproteinases, adhesion molecules and tissue factor. However, the role of CD40 signalling in atherogenesis in vivo remains unknown. Here we determine whether interruption of CD40 signalling influences atherogenesis in vivo in hyperlipidaemic mice. Treatment with antibody against mouse **CD40L** limited **atherosclerosis** in mice lacking the receptor for low-density lipoprotein that had been fed a high-cholesterol diet for 12 weeks. This antibody reduces the size of aortic atherosclerotic lesions by 59% and their lipid content by 79%. Furthermore, atheroma of mice treated with anti-**CD40L** antibody contained significantly fewer macrophages (64%) and T lymphocytes (70%), and exhibited decreased expression of vascular cell adhesion molecule-1. These data support the involvement of inflammatory pathways in **atherosclerosis** and indicate a role for CD40 signalling during atherogenesis in hyperlipidaemic mice.

2/7/29 (Item 29 from file: 5)

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2/7/25 (Item 25 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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11780494 BIOSIS NO.: 199900026603

Chemokines and **atherosclerosis**.

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CA 92161**USA

JOURNAL: Current Opinion in Lipidology 9 (5):p397-405 Oct., 1998

ISSN: 0957-9672

DOCUMENT TYPE: Literature Review

RECORD TYPE: Citation

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12270702 BIOSIS NO.: 200000024204

Interruption of CD40-**CD40 ligand** signaling reduces
transplantation arteriosclerosis in mouse aortic allografts.

AUTHOR: Shimizu Koichi(a); Shsnbeck Uwe(a); Sugiyama Seigo(a); Mitchell
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Association Atlanta, Georgia, USA November 7-10, 1999

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